

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A sample receiving device (100), particularly for the cryoconservation of at least one sample, comprising:  
[[- ]]a bundle (10) from a plurality of hose-shaped flexible sample chambers (11, 12, ...), and  
[[- ]]a holding device (20), with which the bundle (10) of the sample chambers is joined, characterized in that  
[[- ]]wherein the holding device (20) has a plurality of holding frames with frame parts, between which the sample chambers are positioned in a self-supporting arrangement, where the holding frames (21, 22, ...), which are arranged in a longitudinal direction of the bundle (10).
2. (Currently Amended) The sample receiving device according to claim 1, wherein the holding frames (21, 22, ...) form plane level carriers, on which the sample chambers (11, 12, ...) are arranged side by side.
3. (Currently Amended) The sample receiving device according to claim 1 or 2, wherein the holding frames (21, 22, ...) establish a rectangular form.
4. (Currently Amended) The sample receiving device according to claim 1 at least one of the preceding claims, wherein distances are formed between the holding frames (21, 22, ...).
5. (Currently Amended) The sample receiving device according to claim 4, wherein the distances are larger than 1-times the thickness of the holding frames.
6. (Currently Amended) The sample receiving device according to one of the claims 1 to 3 claim 1, wherein the holding frames (21, 22, ...) are arranged in flush to one another and adjacent in the longitudinal direction of the bundle (10).

7. (Currently Amended) The sample receiving device according to ~~at least one of the claims 4 to 6~~, wherein the holding frames (21, 22, ...) form a stack (30).

8. (Currently Amended) The sample receiving device according to claim 7, wherein the holding frames (21, 22, ...) are held together in the stack (30) by ~~means of a~~ clamping device.

9. (Currently Amended) The sample receiving device according to ~~claim 1-at least one of the preceding claims~~, wherein at least one of the holding frames (21, 22, ...) has an integrated data storage unit.

10. (Currently Amended) The sample receiving device according to claim 9, wherein all holding frames (21, 22, ...) each have an integrated data storage unit.

11. (Currently Amended) The sample receiving device according to ~~claim 1-at least one of the preceding claims~~, wherein at least one data storage device (50) is provided along the longitudinal direction of the bundle (10) of the sample chambers (11, 12, ...) between at least two holding frames.

12. (Currently Amended) The sample receiving device according to ~~claim 1-at least one of the preceding claims~~, wherein the sample chambers (11, 12, ...) have a rectangular cross-section.

13. (Currently Amended) The sample receiving device according to claim 12, wherein all sample chambers are secured to the holding frames (21, 22, ...) in such a way that, in each case, a plane level lateral surface of the sample chambers is aligned parallel to ~~the~~ a plane level expansion of the holding frames.

14. (Currently Amended) The sample receiving device according to ~~claim 1-at least one of the preceding claims 1 to 11~~, wherein the sample chambers have a cross-section which changes along ~~the~~ a length of the sample chambers.

15. (Currently Amended) The sample receiving device according to claim 14, wherein the cross-section of the sample chambers periodically changes.

16. (Currently Amended) The sample receiving device according to ~~claim 1-at least one of the preceding claims~~, wherein the sample chambers (11, 12, ...) are subdivided along their

length by ~~means of~~ at least one chamber wall (70) in at least two partial chambers (11a, 11b, 12a, 12b, ...).

17. (Currently Amended) ~~The sample~~ receiving device according to claim 16, wherein the chamber wall (70) has pores or is a dialysis membrane.

18. (Currently Amended) ~~A process for the manufacture of~~ manufacturing a sample receiving device according to ~~at least one of the preceding claims, with claim 1, comprising~~ the steps:

~~[-]]~~ provision or forming of the sample chambers (11, 12, ...);

~~[-]]~~ forming of the bundle (10) of the sample chambers (11, 12, ...); and

~~[-]]~~ attachment of the holding frames (21, 22, ...) in the longitudinal direction of the bundle (10).

19. (Currently Amended) ~~The process~~ according to claim 18, wherein the provision of the sample chambers (11, 12, ...) comprises an uncoiling of delivery rollers (211).

20. (Currently Amended) ~~The process~~ according to claim 19, wherein the forming of the bundle (10) of the sample chambers (11, 12, ...) comprises a simultaneous drawing of the sample chambers (11, 12, ...) from the delivery rollers (211).

21. (Currently Amended) ~~The process~~ according to claim 18, wherein the forming of the sample chambers (11, 12, ...) comprises a parallel extrusion of hoses.

22. (Currently Amended) ~~The process~~ according to ~~claim 18 at least one of the claims 18 to 21~~, wherein the holding frames are attached to the sample chambers (11, 12, ...) by ~~means of~~ an injection molding process or a clamping process.

23. (Currently Amended) ~~The process~~ according to ~~claim 18, further comprising at least one of the claims 18 to 22, with the further step of coiling-up of the compound consisting of sample chambers and holding frames.~~